

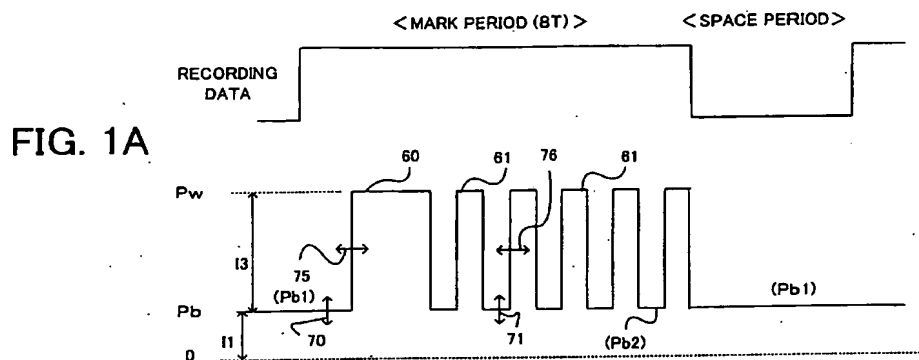
REMARKS

The application is believed to be in condition for allowance for the reasons set forth below.

Claims 1-8 were rejected as being anticipated by KOICHIRO JP 11102523. That rejection is respectfully traversed.

Claim 1 recites among other elements a recording waveform generating unit which generates a recording pulse waveform varying between a first level and a second level. The recording waveform generating unit adjusts an edge position of a pulse portion having the second level in the recording pulse waveform in accordance with the first level.

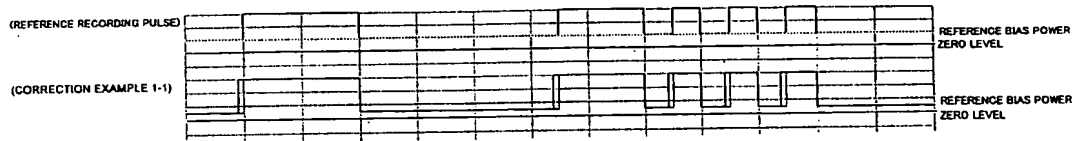
By way of example, Figure 1A of the present application, reproduced below, shows a pulse waveform varying between a first level, for example, bias power level P_b and a second level, for example, write power level P_w .



As seen in Figure 7, reproduced below in part, the edge position of the pulse portion having the second level is adjusted in accordance with the first level. As disclosed on page 20,

lines 18-22 in describing correction example 1-1 of Figure 7, since the bias power level is lower than a reference bias power level, the front edges of the top pulse and the multi-pulse are shifted forward correspondingly (to the left in the figure).

FIG. 7



Figures 4-1 and 4-2 of KOICHIRO show two examples of variation of power with respect to time. However, these examples are examples of recording waveforms. The reference does not disclose that the recording waveform generating circuit changes or adjusts an edge position of a pulse portion having the second level in the recording pulse waveform in accordance with the first level.

Moreover, the reference does not provide guidance as to the need to change the position of the pulse having the right power level when the bias power level is changed.

Accordingly, the identical invention is not shown in as complete detail as contained in the claim. As KOICHIRO does not disclose adjusting an edge position of a pulse portion having a second level in the recording pulse waveform in accordance with the first level, KOICHIRO does not anticipate claim 1.

Claims 2-7 depend from claim 1 and further define the invention and are also believed patentable over KOICHIRO at least for depending from an allowable independent claim.

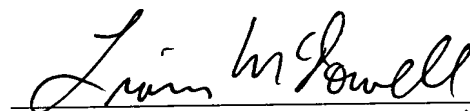
Claim 8 is an independent method claim and recites adjusting an edge position of a pulse portion having the second level in the recording pulse waveform in accordance with the first level. The analysis above regarding claim 1 is equally applicable to claim 8.

In view of the foregoing Remarks, it is believed that the present application is in condition for allowance. Reconsideration and allowance are respectfully requested.

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17.

Respectfully submitted,

YOUNG & THOMPSON



Liam McDowell, Reg. No. 44,231
745 South 23rd Street
Arlington, VA 22202
Telephone (703) 521-2297
Telefax (703) 685-0573
(703) 979-4709

LM/fb